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## **CLAIMS**

What is claimed is:

1. A method for use with a rotating storage device, said rotating storage device comprising a storage medium driven to rotate, a head for reading and writing data on said storage medium, and a ramped loading mechanism on which said head is stored, said method comprising the steps of:

loading said head from said ramped loading mechanism onto said storage medium;

reading location information stored in said storage medium via said head; and

retaining a location of said head for a predetermined period above a track of a region other than a valid storage region of said storage medium after successfully reading said location information.

- 2. The method according to the claim 1, wherein said track is positioned so that an air bearing surface (ABS) of said head does not hang over said valid storage area.
- 3. The method according to the claim 2, wherein said control method further comprises the steps of:

moving said head to an inside of said storage medium; and

moving said head to the outside of said storage medium;

5	such that a speed of moving to the outside of said head is greater than the speed
6	of moving to the inside.
1	4. The method according to the claim 1, wherein a combination of said step for
2	moving to the inside said step of moving to the outside is repeated for several times.
1	5. A control method for the rotating storage device, said rotating storage device
2	comprising a storage medium driven to rotate and a read/write head for information on
3	said storage medium, said control method comprising the steps of:
4	performing writing action to write information to said storage medium;
5	referencing to a defect list stored in a storage area provided in elsewhere of said
6	rotating storage device to judge whether the track having the sector into which said write
7	has been done or an adjacent track or a nearby track of said track contains a defect; and
8	verifying said write if the result of said judgment is true.
1	6. A control method for a rotating storage device comprising a storage medium
2	driven to rotate and a read/write head for information on said storage medium; said
3	control method comprising steps of;
4	performing writing action to write information to said storage medium;
5	reading a gain value or an amplitude value of an automatic gain circuit for
6	amplifying a signal via said head;
-	coloulating dignorgion of gold giornal from said hand value said sain value on said
7	calculating dispersion of said signal from said head using said gain value or said
8	amplitude value;

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for retaining said head;

determining whether a predetermined threshold value is exceeded by comparing 9 a measured value stored in the dispersion table recorded in elsewhere of said storage 10 region in said rotating storage device and a dispersion value obtained from said 11 calculation; and 12 verifying said write when the result of said judgment is true. 13 A control method for a rotating storage device comprising a storage medium 7. 1 driven to rotate and read/write head for information on said storage medium, said control 2 method comprising the steps of; 3 performing writing action to write information to said storage medium; 4 determining whether said write operation is done within a certain period starting 5 from immediately after loading said head on said storage medium or within a time required for processing a predetermined number of commands; and 7 verifying said write when a result of said determination is true. 8 8. A rotating storage device comprising: 1 . a head to read and write information on said storage medium; 2 a ramped loading mechanism for loading said head on said storage medium and

5	means for reading position information stored in said storage medium through
6	said head and for controlling a relative location to said storage medium of said head; and
7	means for retaining a position of said head above a track of an area other than a
8	valid storage area on said storage medium for a certain period.
1	9. The rotating storage device according to the claim 8 wherein said track is
2	positioned so that an air bearing surface (ABS) does not hang over said valid storage
3	area.
1	10. The rotating storage device according to the claim 9, wherein said rotating storage
2	device further comprising;
3	means for moving said head to the inside of said storage medium;
4	means moving said head to the outside of said storage medium at a greater speed
5	than that of moving said head to inside and;
6	means for repeating said moving to the inside and outside.
1	11. A rotating storage device comprising:
2	a storage medium driven to rotate;
3	a read/write head for information on said storage medium, a means to read
4	information onto said storage medium;
5	a defect list storing defective sector information;

6	means for determining whether said defective sector is contained in a track
7	containing a sector on which said write has been done or a track adjacent to or nearby
8	said track by referencing to said defect list; and
9	means for verifying said write when a result of said judgment is true.
1	12. A rotating storage device comprising:
2	a storage medium driven to rotate;
3	a read/write head for information on said storage medium; means for writing
4	information onto said storage medium; means for reading amplitude information of a
5	gain value of an automatic gain circuit for amplifying a signal via said head or an
6	amplitude value of said signal;
7	means for calculating dispersion of a signal of said head from multiple said gain
8	values or amplitude value;
9	a dispersion table containing dispersions of signals on said head individually
10	stored in divided areas on said storage medium;
11	means to judge whether a predetermined threshold value is exceeded by
12	comparing a value in said dispersion table and a dispersion value obtained by said
13	calculation; and
14	means to verify said write when a result of said judgment is true.

A rotating storage device comprising:

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